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the Productivity of Digital Computing Machines,
by Ye. I. Mamontov.
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#111D-77-64-SUB

Sci - Math & Data Proc
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DIAGRAMS FOR EVALUATING THE EFFECT OF
NOZZLES ON PROPELLER PERFORMANCE (Dia-
grammy dia Opredeleyeniya Effektivnosti Ustanovki
Napravlyayushchikh Nasadok i Rascheta Grebnykh
Vintov) tr. by B. V. Nakonechny. Jan 61 [10]p. 2 refs.
Trans. 301.

Order from LC or SLA mi\$1.80, ph\$1.80 61-15312

Trans. of Sudostroyeniye (USSR) 1959 [v. 25] no. 8,
p. 9-11.

An approximate method is presented for evaluating the
effect of a nozzle on the performance of a propeller.
Illustrative diagrams are included. An example of the
performance of a tug with and without nozzle is also
given. (David Taylor Model Basin abstract)

1. Propellers (Marine)--
Thrust
 2. Propeller shrouds--
Effectiveness
 3. Nozzles--Test results
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 - II. DTMB Trans-301
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K. I. Mampel

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TT-63-20649

Trans. of [Zeitschrift für Physikalische Chemie,
Leipzig (Germany) 1940, v. 187a, p. 235-249].
(Abstract available).

DESCRIPTORS: *Reaction kinetics, Solids,
Chemical reactions, Equations, Corrosion, Com-
bustion, Ores (Metal sources), Heat treatment,
Dehydration, Phase studies.

A method developed earlier is used to calculate the
time-transformation formula for a powder consisting
(Chemistry--Physical, TT, v. 11, no. 3) (over)

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I. Mampel, K. L.
II. Title: Time ...

Office of Technical Services

TT-63-20650

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(Abstract available)

DESCRIPTORS: *Reaction kinetics, Solids, Chemical reactions, Equations, Corrosion, Combustion, Ores (Metal sources), Heat treatment, Dehydration, Phase studies.

The principal conceptions about heterogeneous reaction kinetics are listed. Hitherto, transformation formulas (Chemistry--Physical, TT, v. 11, no. 3) (over)

I. Mampel, K. L.
II. Title: Development ...

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